

Docket No: AM100221  
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: **CHU et al.**  
 Application No.: **09/887,296** Group No.: **1645**  
 Filed: **June 21, 2001** Examiner: **Devi, Sarvamangala J.N.**  
 For: **METHODS AND COMPOSITION FOR ORAL VACCINATIONS**  
 Confirmation No.: **6853**  
 Customer Number: **25291**

DEC 24 2003

Commissioner for Patents  
Washington, DC 20231

**OFFICIAL**Amendment and Reply After Final Rejection

Sir:

This replies to the Office action mailed June 25, 2003, and the response includes a petition for a 3 month extension of time on a Notice of Appeal submitted herewith. Reconsideration of this application, and claims 1-10 and 27-30, is respectfully requested in view of the herein below remarks and amendments. The Notice of Appeal is submitted in the event this reply is not deemed to place the application in condition for allowance.

AMENDMENT TO THE CLAIMS

Please amend claims 1-10, 27-30 as follows:  
 Claims 1-3, 5-6, 8-9 (currently amended),  
 Claims 10 (previously amended),  
 Claims 4, 7, 27-30 (original).

1. (Currently amended). A method of providing protection against a disease in an nonhuman animal comprising:
  - (a) admixing a water soluble palatable flavorant selected from the group consisting of fruit, fish and meat flavorants with a water soluble vehicle suitable for an orally administered vaccine to create a mixture;
  - (b) further admixing with the mixture of step (a), an antigen which is an active component selected from the group consisting of a bacterium and a virus to thereby produce an oral vaccine; and
  - (c) administering the vaccine of step (b) to an animal to provide protection against a disease.

**CERTIFICATE OF MAILING 37 CFR §1.10**

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number addressed to the Commissioner for Patents, Washington, DC 20231.

Date \_\_\_\_\_